

Year 3 - Maths Homework - Purple and yellow groups

24/6/19

Multiplication or division?

Use multiplication or division to find the answers to these number stories.

Remember to use RNCA!



Read the problem, Note the numbers, Calculate using the chunking to divide and the grid method to multiply and Answer the question!

- 1 Pearton Village Primary School has four classes. There are 26 children in each class. How many children are in the school?
- 2 The cook has got 43 fish fingers. How many children can have 3 fish fingers each? How many fish fingers will be left over?
- 3 23 children have chosen to have sausages. Each child will get 3 sausages. How many sausages need to be cooked?
- 4 The cook has got 56 potatoes. If each child has 4 potatoes, how many children can have potatoes?

Balancing challenge!

Write numbers in these number sentences to make them true.

5 $4 \times 18 = 2 \times \square$

7 $100 \div 4 = 50 \div \square$

6 $2 \times 16 = 64 \div \square$

8 $2 \times \square = 36 \div 2$

- 9 Write your own balancing number sentence.

Have you mastered multiplication and division?

- a) Use the grid method to work out these multiplications.

$$3 \times 34 \quad 5 \times 48 \quad 4 \times 36$$

- b) Work out what numbers have been multiplied together in these grids.

$$\square \times 43$$

x	40	3
?	200	15

$$= 215$$

$$8 \times \square \square$$

x	?	?
8	160	24

$$= 184$$

Use multiplication or division to work out the answers to these number stories.

- c) Ali has 52 chairs in the café. She puts 4 chairs round each table. How many tables does she have?
- d) She has 32 packs of 4 tea cakes. How many tea cakes is this?



Champions' Challenge

Work out the missing digits in these divisions.

$$\square \square \div 3 = 26$$

$$68 \div \square = 17$$

